

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

AIZAWA, MASUO, et al.

Reissue Application of U.S. Patent
No. 5,879,888 issued on March 9, 1999

Filed: March 8, 2001

For: LUMINESCENCE BY REACTING AN ACRIDINIUM ESTER WITH
SUPEROXIDE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 4 and 7.

Please add the following new claims:

8. A method for emitting chemiluminescence from an acridinium ester in an immunoassay, a hybridization assay or an immunoblot assay, wherein said ester is 4-[2-(succinimidyloxycarbonyl)ethyl]phenyl-10-methylacridinium-9-carboxylate fluorosulfate, comprising reacting at a pH of 6 to 10 said acridinium ester and a superoxide anion produced in situ by electrochemical reduction of oxygen dissolved in an electrolyte using electrodes in the presence of a flavin compound, wherein said